

Appl. No. 09/779,791

AMENDMENTS TO THE CLAIMS

In the claims, please amend claim 1 as follows:

1. (currently amended) A compound for delivering a molecule from outside a mammalian cell to inside said mammalian cell comprising: said molecule covalently linked to a transduction signal via an activated disulfide bond that is cleaved more rapidly than oxidized glutathione wherein said transduction signal transports said molecule across a membrane of said cell, ~~and cleavage of wherein said disulfide bond is cleaved in said cell~~ and wherein said molecule remains in said cell after two hours. ~~eliminates subsequent transport of said molecule across said membrane by the transduction signal.~~
2. (previously presented) The compound of claim 1 wherein the transduction signal consists of a peptide with sequence substantially identical to SEQ ID 1.
3. (original) The compound of claim 1 wherein the transduction signal consists of VP22.
4. (original) The compound of claim 1 wherein the transduction signal consists of ANTP.
5. (original) The compound of claim 1 wherein the transduction signal consists of a polymer containing a cationic charge.
6. (previously presented) The compound of claim 5 wherein the transduction signal consists of a peptide containing cationic residues.
- 7-12. (canceled)
13. (previously presented) The compound of claim 1 wherein said molecule is associated with a nucleic acid.